

## CMAT 2018 Slot 1 Question Paper - January 20 Forenoon Session

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### General Awareness

**Q76.** \_\_\_\_\_ varies directly with vibrating body's amplitude.

- (1) Loudness of sound
  - (2) Modulation of sound
  - (3) Quality of sound
  - (4) Tone of the sound
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**Q77.** Which of the following is true?

- (1) Saltwater freezes at the same temperature as fresh water
  - (2) Saltwater freezes at slightly higher temperature than fresh water
  - (3) Saltwater freezes at a slightly lower temperature than fresh water
  - (4) Seawater does not freeze
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**Q78.** Human eye is most sensitive to which color in the day light?

- (1) Yellow
  - (2) Green
  - (3) Yellowish Green
  - (4) Red
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**Q79.** What is the Data Capacity of a standard size CD ROM?

- (1) 650 - 700 MB
- (2) 185 - 210 MB

- (3) 550 - 600 MB
  - (4) 500 - 650 MB
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**Q80. Indian Railways generates highest revenue from which of the following?**

- (1) Passenger fare
  - (2) Freight fare
  - (3) Parcel
  - (4) Sundry earnings
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**Q81. A hash function guarantees integrity of a message. It guarantees that message has not been:-**

- (1) Exchanged
  - (2) Over view
  - (3) Changed
  - (4) Violated
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**Q82. Sections 299 to 377 of Indian Penal Code are:-**

- (1) Of Offences Against Property
  - (2) Of Offences affecting the Human Body
  - (3) Of Offences Relating to Marriage
  - (4) Of Defamation
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**Q83. Which of the following is true about Stand Up India Loan Scheme?**

- (1) To facilitate bank loans between 10 lakh and 1 Crore to at least one Scheduled Caste (SC) or Scheduled Tribe (ST) borrower per bank branch for setting up a greenfield enterprise

- (2) To facilitate bank loans between 10 lakh and 1 Crore to at least one woman borrower per bank branch for setting up a greenfield enterprise
- (3) This enterprise may be in manufacturing, services or the trading sector
- (4) All of these

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**Q84. Google has introduced a unique feature that guides users through 'shortcuts' that are more easily accessible by:-**

- (1) Heavy vehicles
- (2) Two wheelers
- (3) Cars
- (4) Taxies

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**Q85. Who of the following has launched an e-commerce startup for farm equipment rental?**

- (1) Mahindra and Mahindra
- (2) Escorts Agri Machinery
- (3) Standard Tractors
- (4) John Deere

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**Q86. India has met goal of elimination of which of the following disease (as specified by World Health Organization (WHO) under its GET2020)?**

- (1) Trachoma
- (2) Tuberculosis
- (3) Ebola
- (4) Keratoconus

**Q87. The three languages included in the Eighth Schedule of the Constitution by the 71st amendment are:-**

- (1) Konkani, English, Manipuri
  - (2) Konkani, Nepali, Dogri
  - (3) Konkani, Nepali, Maithili
  - (4) Konkani, Manipuri, Nepali
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**Q88. Which of the following gas/es is/are used to disinfect water in sewage treatment facilities?**

- (1) Ozone
  - (2) Chlorine
  - (3) Nitrogen
  - (4) Ozone and chlorine
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**Q89. Which of the following is an election that is called earlier than expected?**

- (1) Snap election
  - (2) By-election
  - (3) General election
  - (4) Recall election
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**Q90. After discovery of which of the following methods the date of the Harappan Civilization (2300-1750 BC) has been fixed?**

- (1) Dendrochronology
- (2) Stratification
- (3) Carbon isotopes
- (4) Radio carbon dating

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**Q91. Which of the following about plants is correct?**

- (1) Respiration and photosynthesis proceed at the same rate
- (2) Photosynthesis proceeds at a much faster rate than respiration
- (3) Photosynthesis proceeds at a much slower rate than respiration
- (4) There is no connection between the respiration and photosynthesis

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**Q92. With reference to BrahMos, which of the following statements is/are correct?**

- 1. It is a ramjet supersonic cruise missile being developed by BrahMos Aerospace, a joint venture between ISRO of India and NPO Mashinostroyenia (NPOM) of Russia.**
- 2. It can be launched from submarines, ships, aircraft or land against ships and land-based targets.**
- 3. India and Russia have agreed to decrease the range of the BrahMos supersonic cruise missile following India's entry into the Missile Technology Control Regime (MTCR).**

**Select the correct answer using the code given below.**

- (1) 1 only
- (2) 2 and 3 only
- (3) 1 and 3 only
- (4) 1, 2 and 3

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**Q93. With reference to 'HIV and AIDS (Prevention and Control) Bill, 2017', consider which of the following statements is/are true?**

- 1. It seeks to prevent and control the spread of HIV and AIDS, prohibits discrimination against persons with HIV and AIDS.**
- 2. It makes an anti-retroviral therapy a legal right of HIV/AIDS patients.**
- 3. It has provisions to safeguard the property rights of HIV positive people.**
- 4. Every HIV infected person below the age of 18 years has the right to reside in a shared household and enjoy the facilities of the household.**

- (1) 1 and 2 only
  - (2) 3 only
  - (3) 2 and 3 only
  - (4) 1, 2, 3 and 4
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**Q94. How many angular bleed lines are present on the new Indian rupee 2000 bank note?**

- (1) 7
  - (2) 4
  - (3) 6
  - (4) 5
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**Q95. Which of the following banned the 'manjha' used for flying kites?**

- (1) Supreme Court of India
  - (2) National Green Tribunal
  - (3) Health Ministry
  - (4) Environment Ministry
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**Q96. Who said, "The greater number of fortresses you hold the weaker will be your power. Let all our forces will be on the sea, because if we should not be powerful at the sea, everything at once be against us.....Let it be known for certain that as long as you may be powerful at the sea....."?**

- (1) Da Almeida
  - (2) John Cabot
  - (3) Christopher Columbus
  - (4) Amerigo Vespucci
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**Q97. 'Vote on account' is dealt in which of the following articles of the Indian Constitution?**

- (1) 121
- (2) 116
- (3) 171
- (4) 131

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**Q98. The Taj Mahal is threatened due to:-**

- (1) Carbon dioxide
- (2) Carbon monoxide
- (3) Sulphur dioxide
- (4) Calcium oxide

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**Q99. The below given painting 'The Persistence of Memory' is one of the most recognizable pieces in art history. Who was the painter?**



- (1) Leonardo da Vinci
- (2) Vincent van Gogh
- (3) Edvard Munch
- (4) Salvador Dali

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**Q100. Who is the famous sports personality in the image below?**



- (1) Syed Abdul Rahim
- (2) Farokh Engineer
- (3) Ashok Mankad
- (4) Dhyan Chand